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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/707,801	01/13/2004	Yi-Cheng Yuan	OTMP0060USA	1800

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EXAMINER

KOSTAK, VICTOR R

ART UNIT	PAPER NUMBER
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2622

DATE MAILED: 07/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/707,801

Applicant(s)

YUAN ET AL.

Examiner

Victor R. Kostak

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☒ Claim(s) 1-11 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

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1. Claims 1-11 are objected to because of the following informalities:

a) Claim 1 introduces an “*easy-to-maintain*” rear projection television. “Easy” is a relative (or subjective) term, and what is considered “easy” by one of ordinary skill in the art can differ from the next.

b) in claim 7, the “*set of bulbs*” can only correspond to one maintenance hole (as disclosed in the specification and shown by Figs. 6A and 6B), although claim 7 recites plural holes.

c) in claim 8, “*dismountable*” is misspelled.

Appropriate correction is required.

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-11 are also rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

How a “*hole*” is formed to “*communicate*” with a (the) “*space*” is not understood (such being recited in claim 1).

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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Claims 1-3 and 5-8 (as best understood) are rejected under 35 U.S.C. 102(b) as being anticipated by Negishi et al.

The rear projection television of Negishi (noting particularly Figs. 2 and 4-6) includes a housing (casing) 10 having a space therein to contain the system components. At least one space (recess) is formed by a periphery 20 (Fig. 4) that serves as a guide element for lamp unit 22. The removability of the lamp unit provides ready maintenance of the lamp (col. 3 lines 59-63), thereby meeting claim 1.

As for claims 2 and 3, the inserted lamp section 22 is covered by a lid 18a that includes through-holes for ventilation (col. 4 lines 1-8).

As for claims 5 and 6, plural modular units are housed within the space (at least speakers, a lamp, a filter) which correspond to respective maintenance holes (col. 3 lines 53-63; noting Fig. 2).

Regarding claim 7, a lamp (bulb) corresponds to its respective hole, as noted above.

As for claim 8, the composite lamp housing (noting Fig. 6) includes a fixed housing 21 that serves as a basket for lamp 22, housing 22 being movable and screwed in when operating and that serves as a basket for the actual lamp 30, which is removable (col. 5 lines 15-17).

4. Claims 1, 2, 4, 5 and 9-11 (as best understood) are rejected under 35 U.S.C. 102(b) as being anticipated by Boje.

Boje also discloses a rear projection television (noting Figs. 1, 2, 5, 6 and 11), wherein a casing (housing) having a space therein is formed of walls 20, 22, 24, 16 and 18. Cradle 60 serves as a guiding element in the space for a component of the system. A hole formed by

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removing screen (door, lid) 32 from front wall 20 enables maintenance of the components internal to the space (col. 6 lines 52-60), thereby meeting claims 1 and 2.

As for claim 4, the cradle 60 enables guidance and retention of the television unit 58, and is formed of (at least one) inverse L-shaped plate that is vertically mounted in the space (relative to base 16, as shown in Fig. 5).

Regarding claim 5, plural modular units are contained within the space (speaker, television).

As for claims 9 and 10, a tuner (within the television) is contained within the space and corresponds to the hole 32.

Considering claim 11, cradle 60 serves as a guiding piece for the television, as noted previously.

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Victor R. Kostak whose telephone number is (571) 272-7348. The examiner can normally be reached on Monday - Friday from 6:30am-3:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David W. Ometz can be reached on (571) 272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, Virginia 22313-1450

Or faxed to:

(571) 273-8300

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Customer Service Office whose telephone number is (703) 308-HELP.



Victor R. Kostak
Primary Examiner
Art Unit 2622

VRK